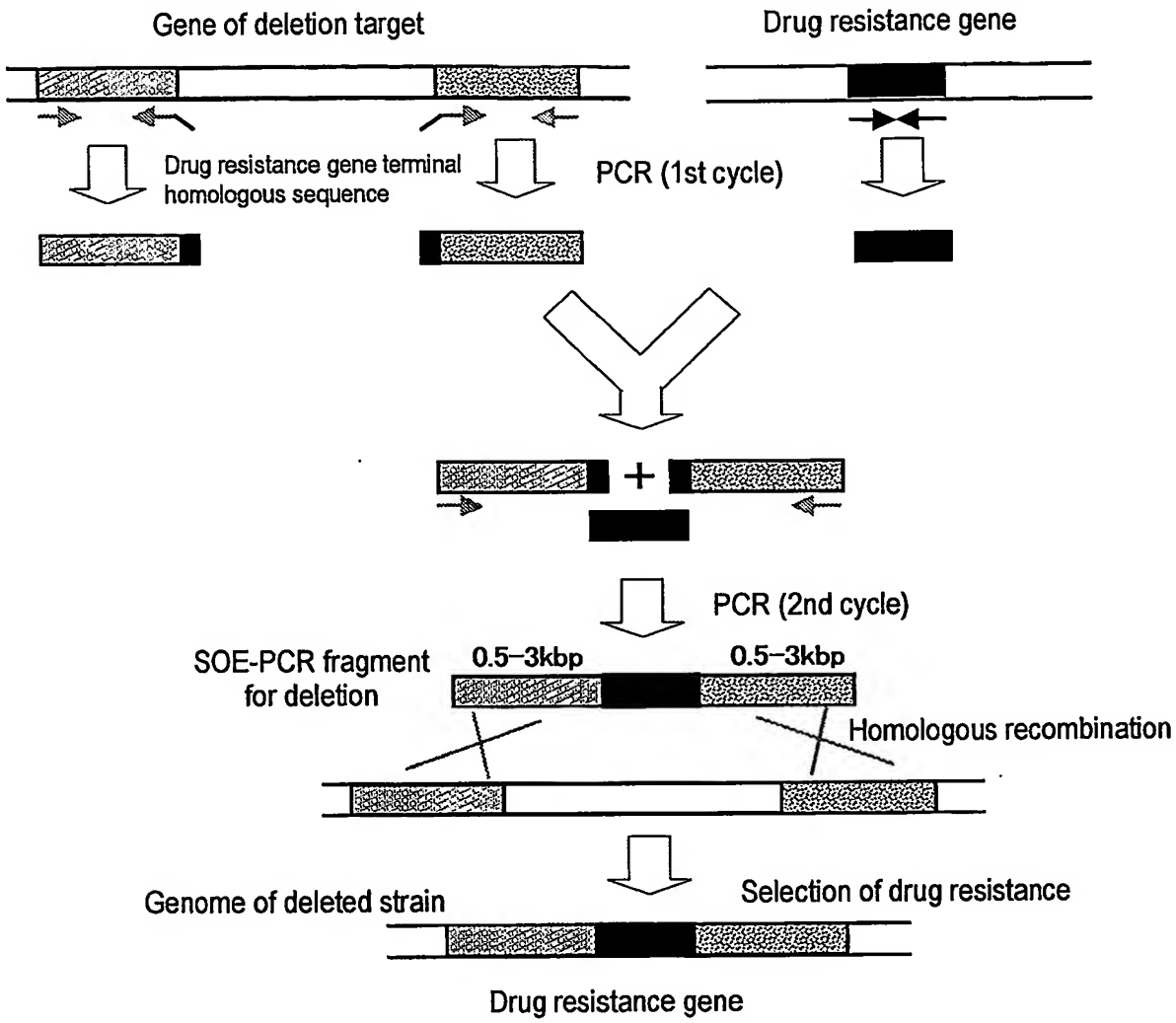
Fig. 1


Gene of deletion target
Drug resistance gene
Drug resistance gene terminal homologous sequence
PCR (1st cycle)
PCR (2nd cycle)
SOE-PCR fragment for deletion
0.5–3kbp
0.5–3kbp
Homologous recombination
Genome of deleted strain
Selection of drug resistance
Drug resistance gene